

## Certificate of Analysis

Product: Goat anti-Mouse IgG (H&L), Affinity Pure

Part Number: GtxMu-003-D  
Lot Number: 62-190-020719  
Concentration: 10.0 mg/ml ( $E^{1\%}$  at 280 nm = 13.0)  
Amount: 2.0 mg  
Form: Clear, colorless liquid, 0.2  $\mu$ m filtered  
Purification: Affinity purified using solid phase Mouse IgG  
Purity:  $\geq 95\%$  based on SDS-PAGE  
Host: Goat  
Immunogen: Purified Mouse IgG, whole molecule  
Buffer: 10 mM Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2  
Preservative: 0.05 % (w/v) Sodium Azide  
Storage: 2-8 °C  
Expiration Date: February 7, 2022

Specificity: Based on IEP, this antibody reacts with:

- heavy ( $\gamma$ ) chains on Mouse IgG
- light chains on all Mouse immunoglobulins

Cross Reactivity: Based on IEP, no reactivity is observed to:

- non-immunoglobulin Mouse serum proteins

Country of Origin: Goat serum was obtained from healthy animals of US origin and under the care of a registered veterinarian.

Applications: The optimal working dilution should be determined by the investigator.  
Suitable for use in: ELISA, IP, IDA, WB, IHC, Absorption

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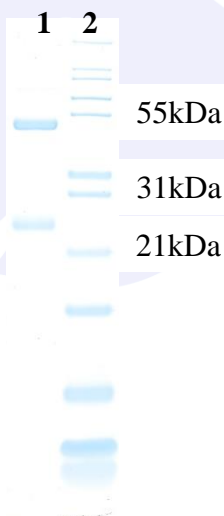
**Product may not be resold or modified for resale without prior written approval of ImmunoReagents, Inc.**

## Testing Results

**PRODUCT:** Goat anti-Mouse IgG (H&L), Affinity Pure  
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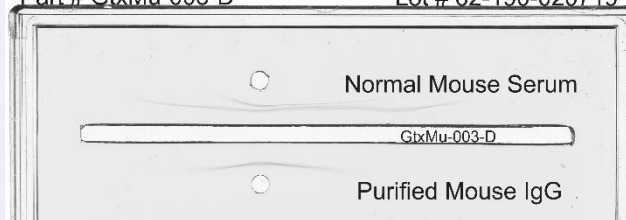
<u>TESTS</u>	<u>SPECIFICATIONS</u>	<u>RESULTS</u>
Appearance:	Clear and Colorless	PASS
Purity:	Two predominant bands at 50 and 24 kDa based on SDS PAGE	PASS
Specificity:	Based on IEP, this antibody has precipitin bands with: <ul style="list-style-type: none"><li>heavy (<math>\gamma</math>) chains on Mouse IgG</li><li>light chains on all Mouse immunoglobulins</li></ul>	PASS PASS
Cross Reactivity:	Based on IEP, no precipitin bands are observed to: <ul style="list-style-type: none"><li>non-immunoglobulin Mouse serum proteins</li></ul>	PASS

### SDS PAGE



### Immunoelectrophoresis (IEP)

IEP for Goat anti-Mouse IgG (H&L), Affinity Pure  
Part # GtxMu-003-D Lot # 62-190-020719



GtxMu-003-D, Lot # 62-190-020719

1) Mol Weight Standard

Date: February 15, 2019

Signature: \_\_\_\_\_

  
Quality Control